

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Somenath Mitra et al.

Confirmation No.: 4147

Application No.: 10/735,989

Group Art Unit: 3742

Filed: December 15, 2003

Examiner: Daniel Leon Robinson

For: Micromachined Heaters For Microfluidic  
Devices

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Mail Stop: Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action mailed April 7, 2008, please reconsider based on the following remarks:

**Listing of the Claims** begin on page 2 of this paper.

**Remarks** begin on page 4 of this paper.